

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 5122 - L2 Version 3
Chandra X-Ray Center

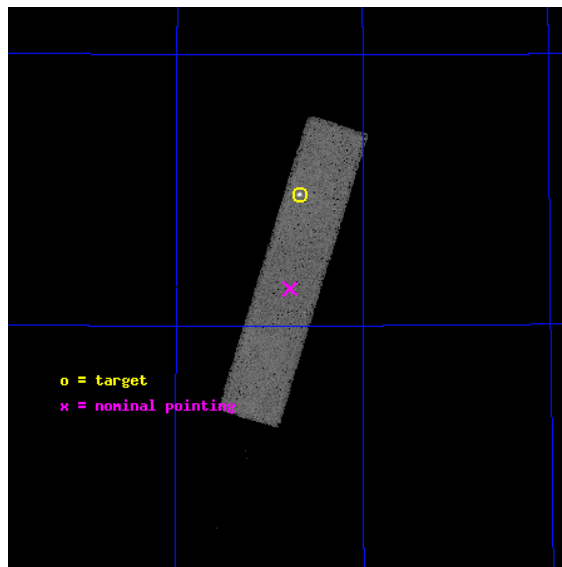
L2 Processing Date : Dec 12 2012

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1 Front

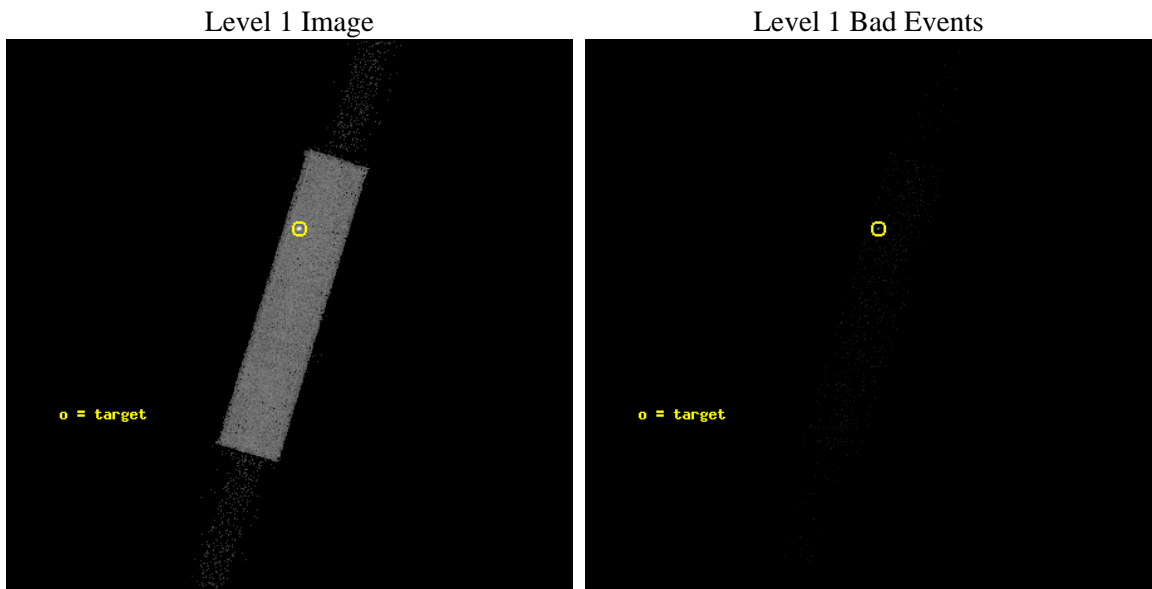
seq_num	290395	Sequence number
obs_id	5122	Observation id
title	AO5B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.19562856743	Nominal RA [deg]
dec_nom	45.568542081808	Nominal Dec [deg]
roll_nom	287.15431605849	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1059.081297636	[s]
livetime	1050.3071700804	Ontime multiplied by DTCOR
l2events	62380	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	900.000000	[s] Scheduled observation exposure time
ascdsver	8.5	Processing system revision	ontime	1059.081297636	[s]
caldsver	4.5.4	 	l1events	90040	Number of level 1 events
date	2012-12-12T00:12:39	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

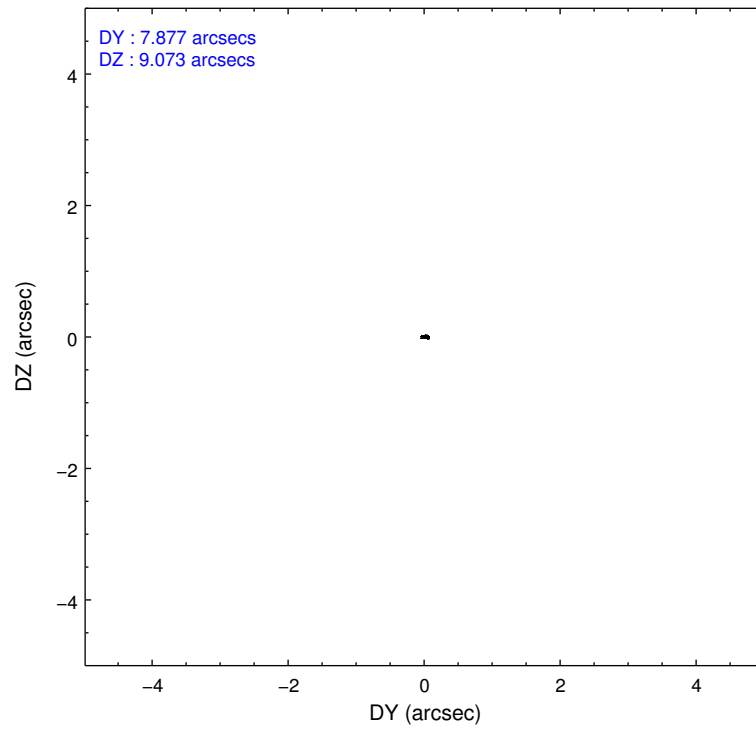
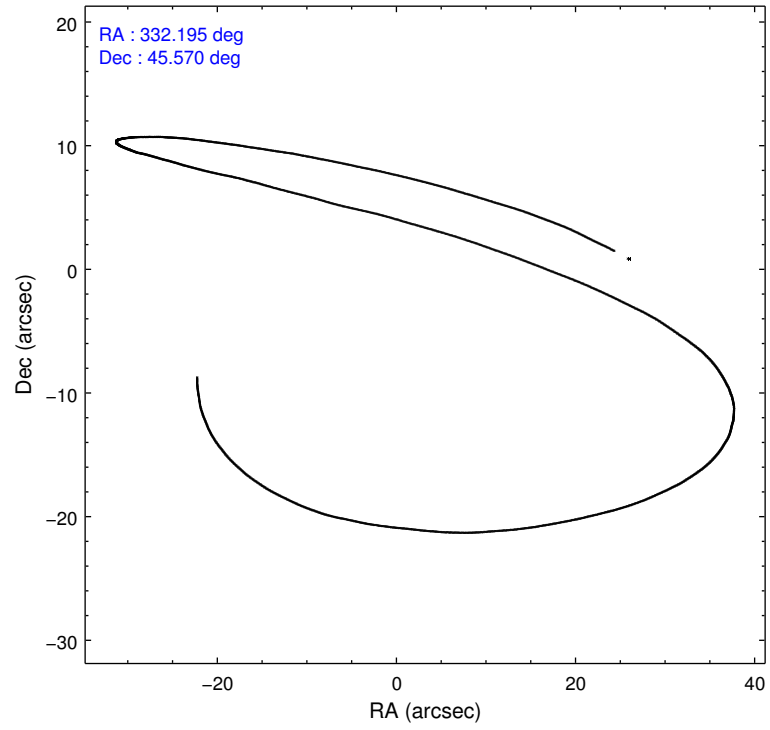
	segment 1	segment 2	segment 3
level 1 events	1005	88103	932
rejected events	1005	14678	927
rejected %	100%	16%	99%

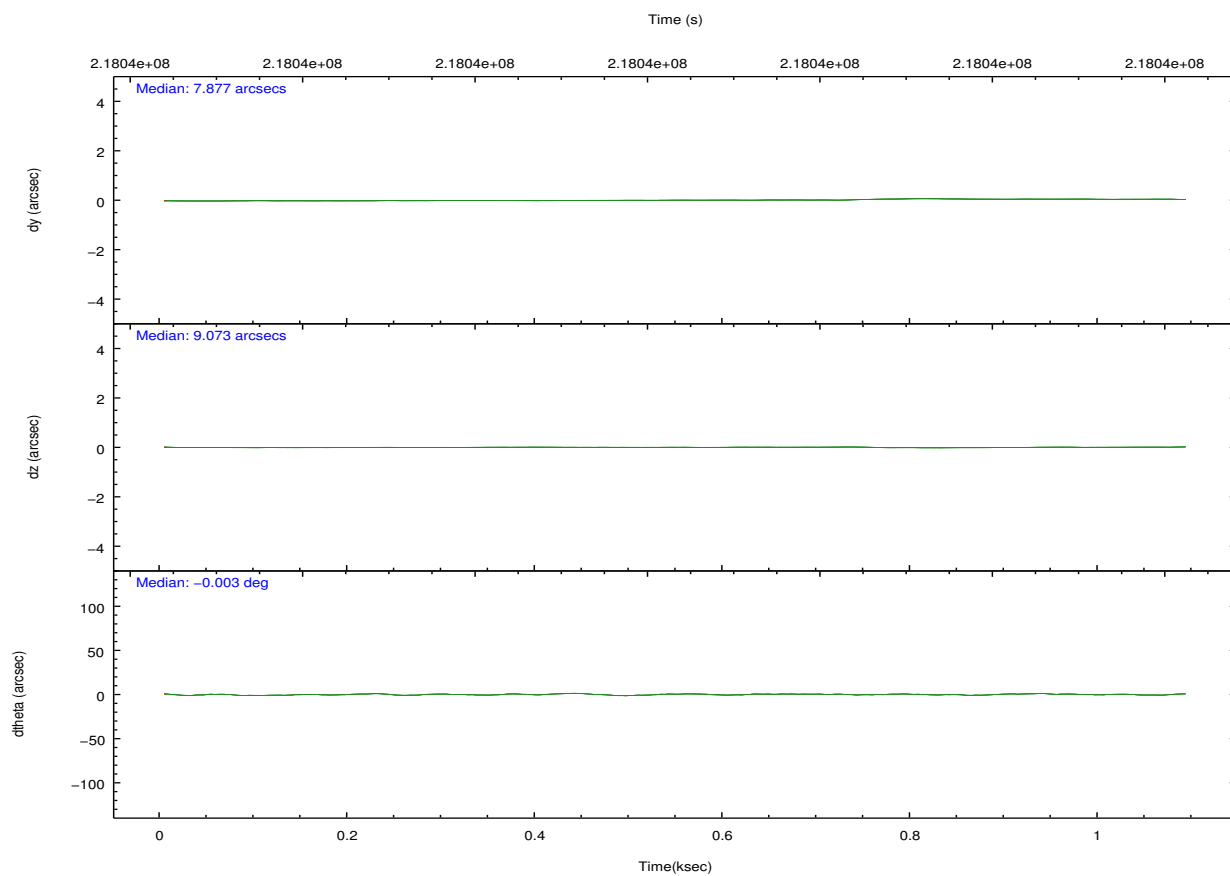
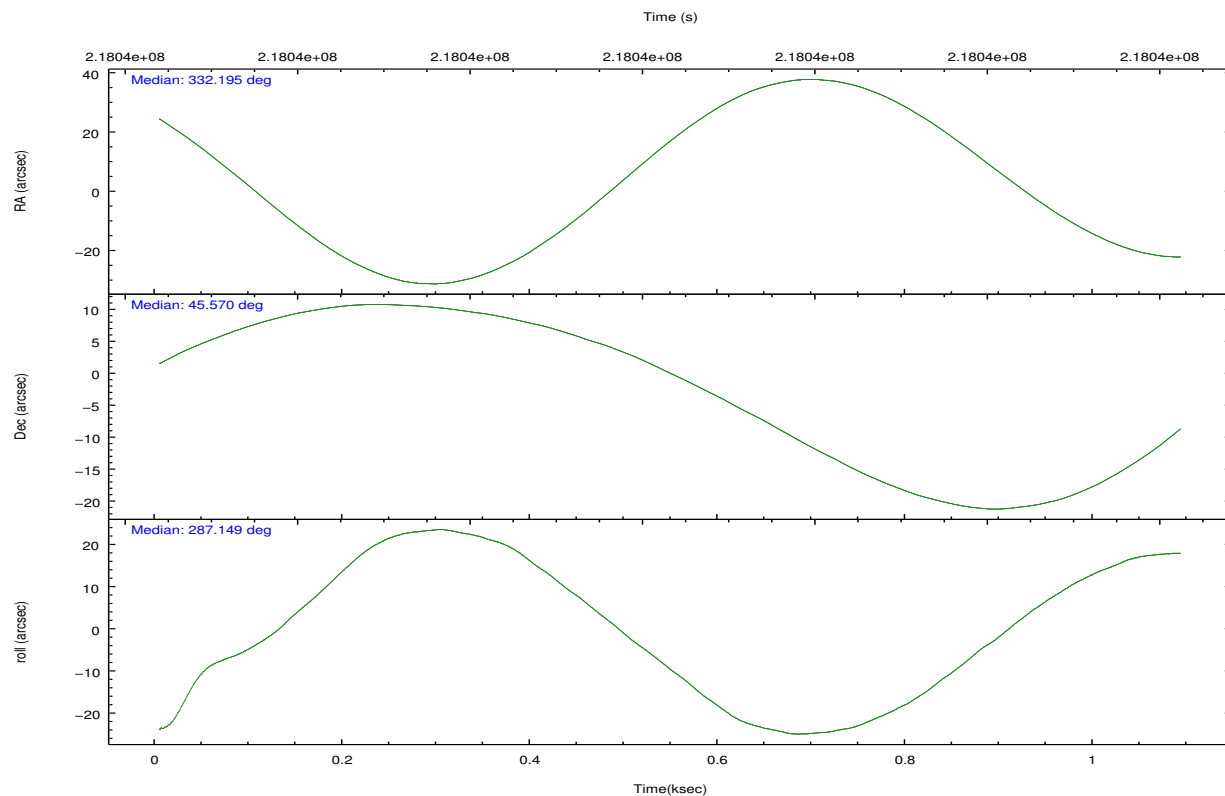
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.165003	332.1956285674281
[deg] Pointing Dec	45.587077	45.56854208180845
[deg] Pointing Roll	287.108950	287.1543160584852
[mm] SIM focus pos	-1.429586	-1.428180813131781
[mm] SIM defocus	0.1037507710433287	0.1051558262725154
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	218036883.184000	218036506.7945
Observation start date	2004-11-28T13:46:59	2004-11-28T13:41:46
[s] Observation end time (MET)	218037783.184000	218038401.50708
Observation end date	2004-11-28T14:01:59	2004-11-28T14:13:21

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



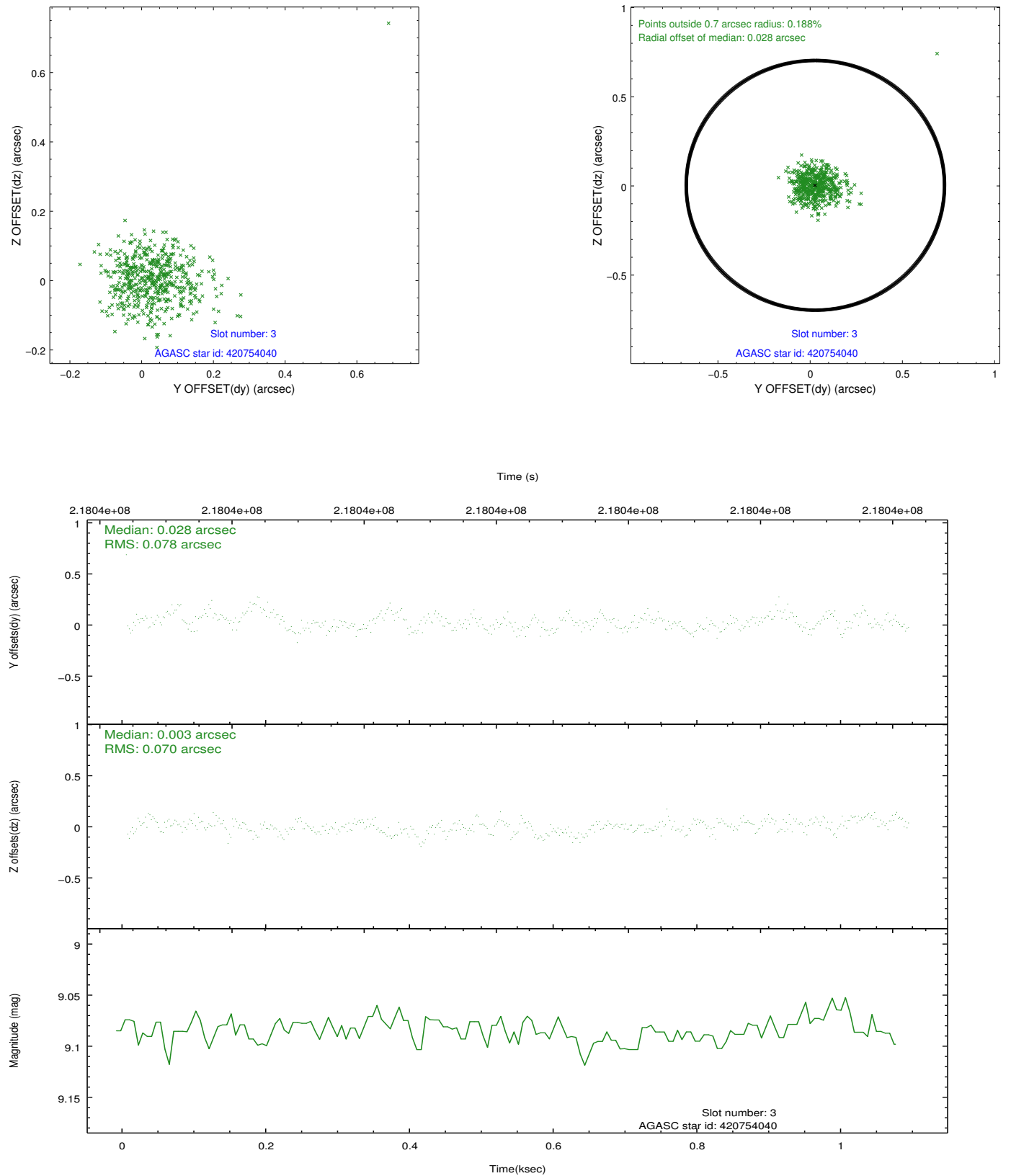


Slot Statistics

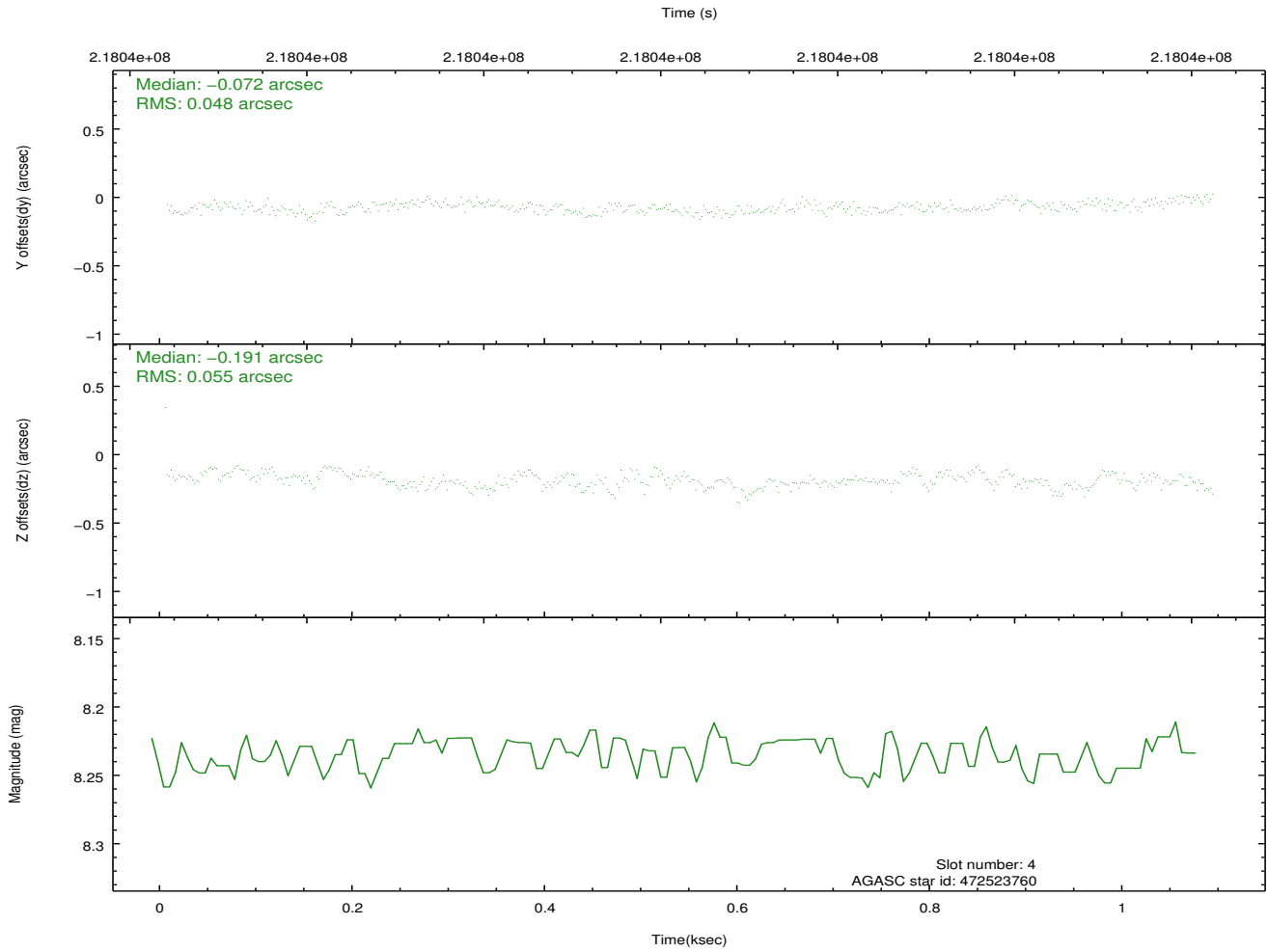
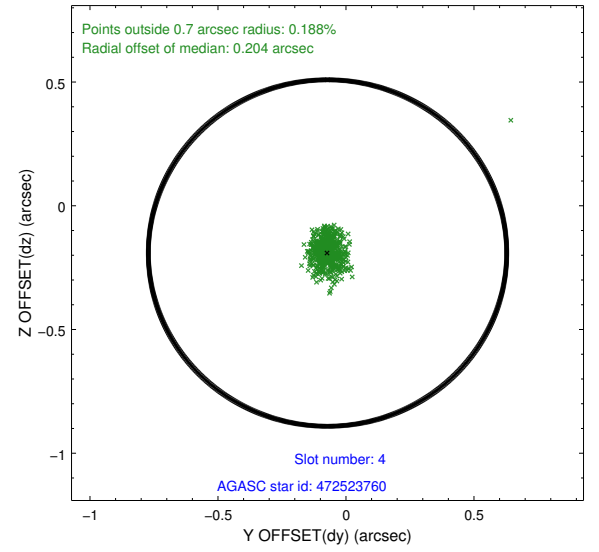
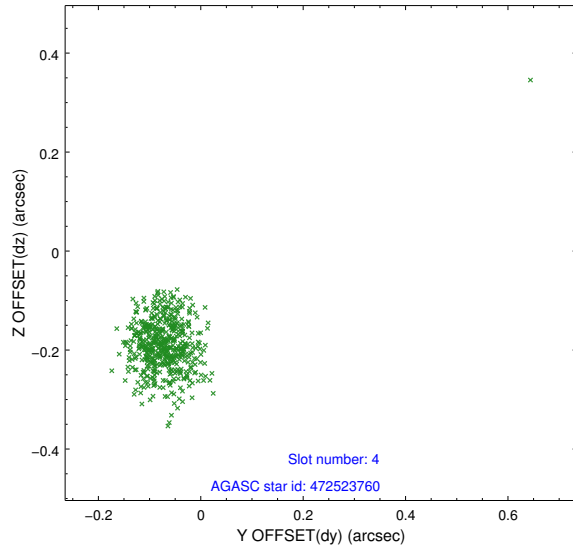
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	266	0.147	-0.163	0.006	0.011	0.000000	0.000000	-1162.04	-457.73
1	FID	HRC-S-2	7.03	266	0.153	-0.118	0.005	0.008	0.000000	0.000000	1233.28	-452.06
2	FID	HRC-S-3	7.04	266	0.089	-0.021	0.007	0.012	0.000000	0.000000	-1160.18	570.24
3	GUIDE	420754040	9.08	532	0.028	0.003	0.102	0.167	331.917939	44.882543	2238.35	-1345.50
4	GUIDE	472523760	8.23	532	-0.072	-0.191	0.067	0.105	331.645363	45.403260	246.70	-1449.56
5	GUIDE	472654568	9.44	532	0.133	0.026	0.108	0.193	332.194449	45.063576	1824.28	-483.46
6	GUIDE	472655152	9.43	532	-0.030	0.129	0.101	0.164	332.504239	45.862991	-697.12	1106.67
7	GUIDE	472659832	9.47	530	-0.074	0.055	0.106	0.171	332.780399	46.098139	-1313.31	2015.21

2.4 Star Slots

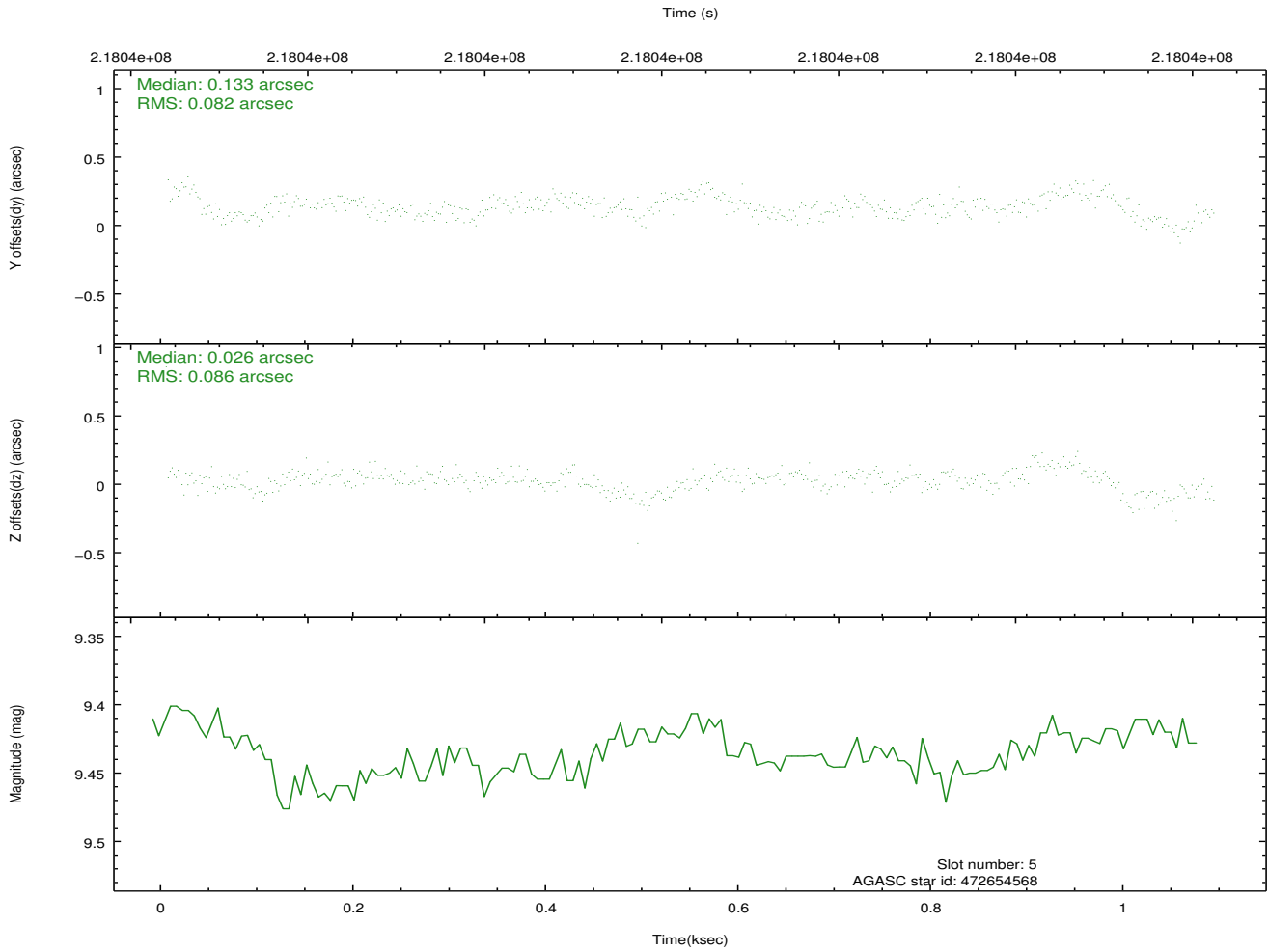
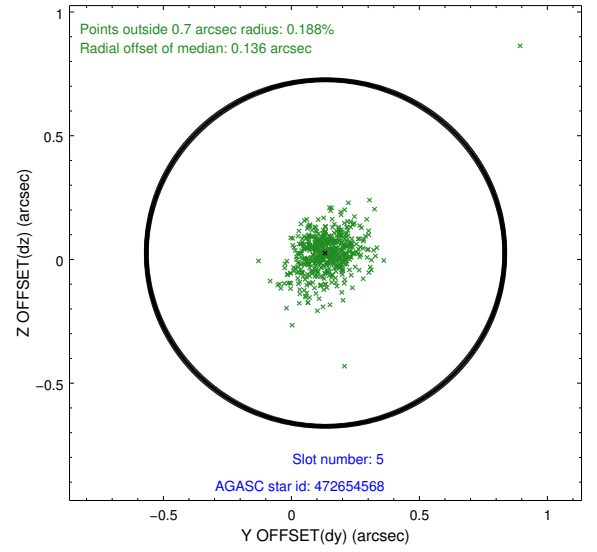
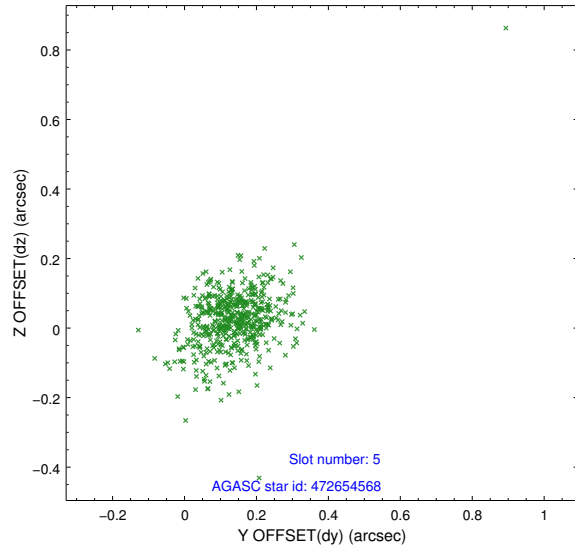
2.4.1 Slot 3



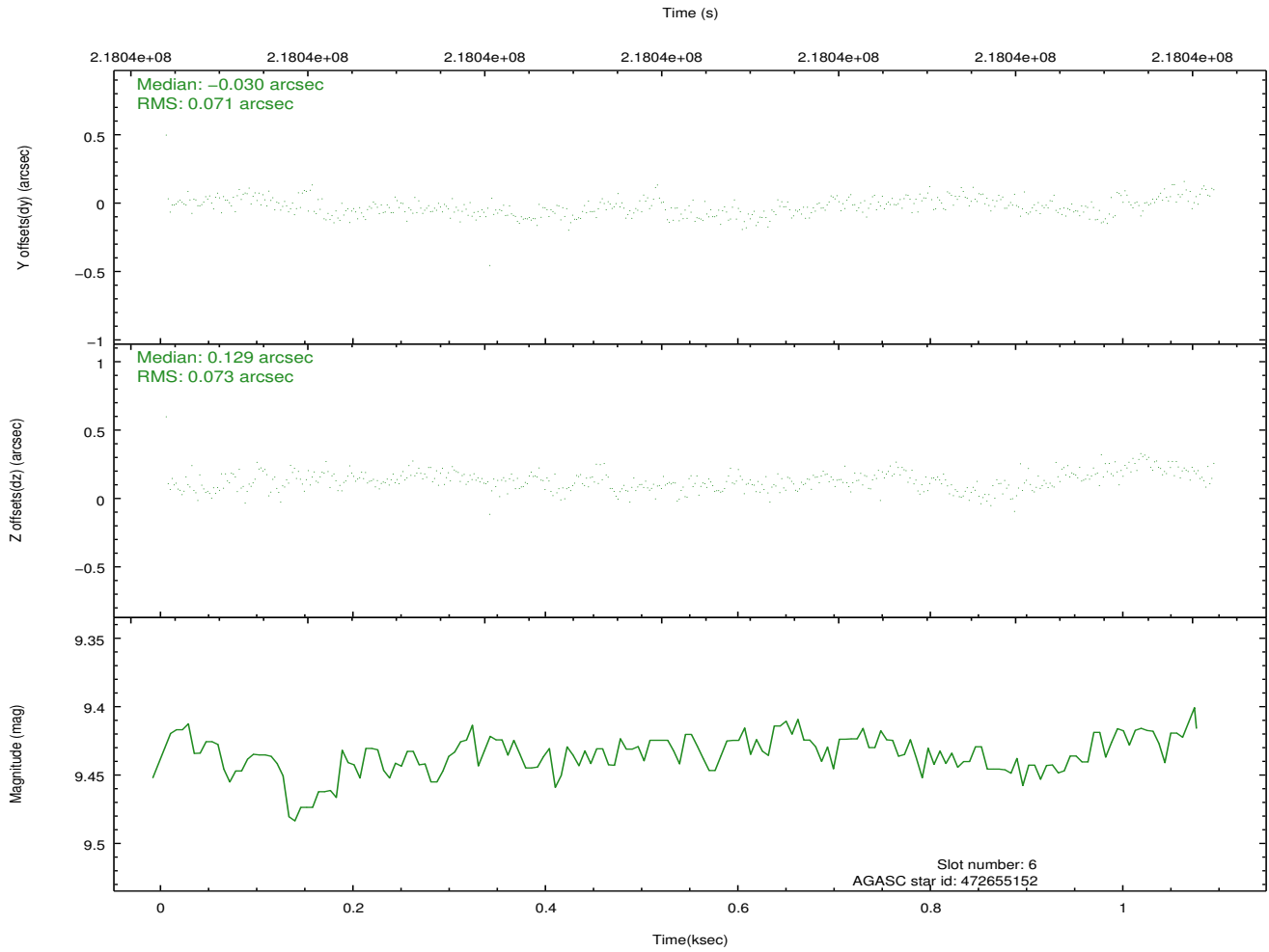
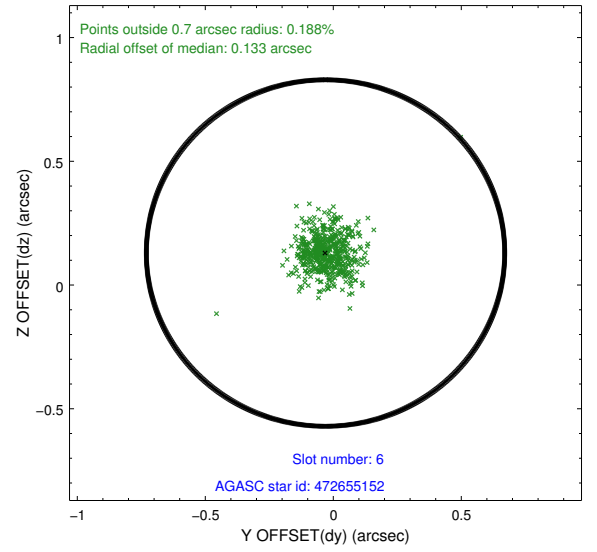
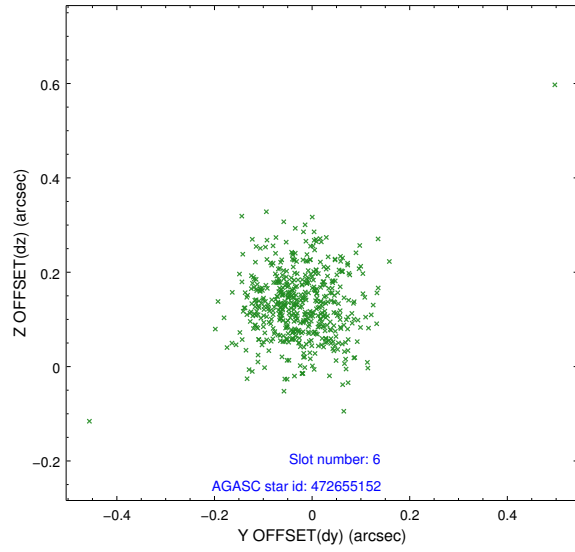
2.4.2 Slot 4



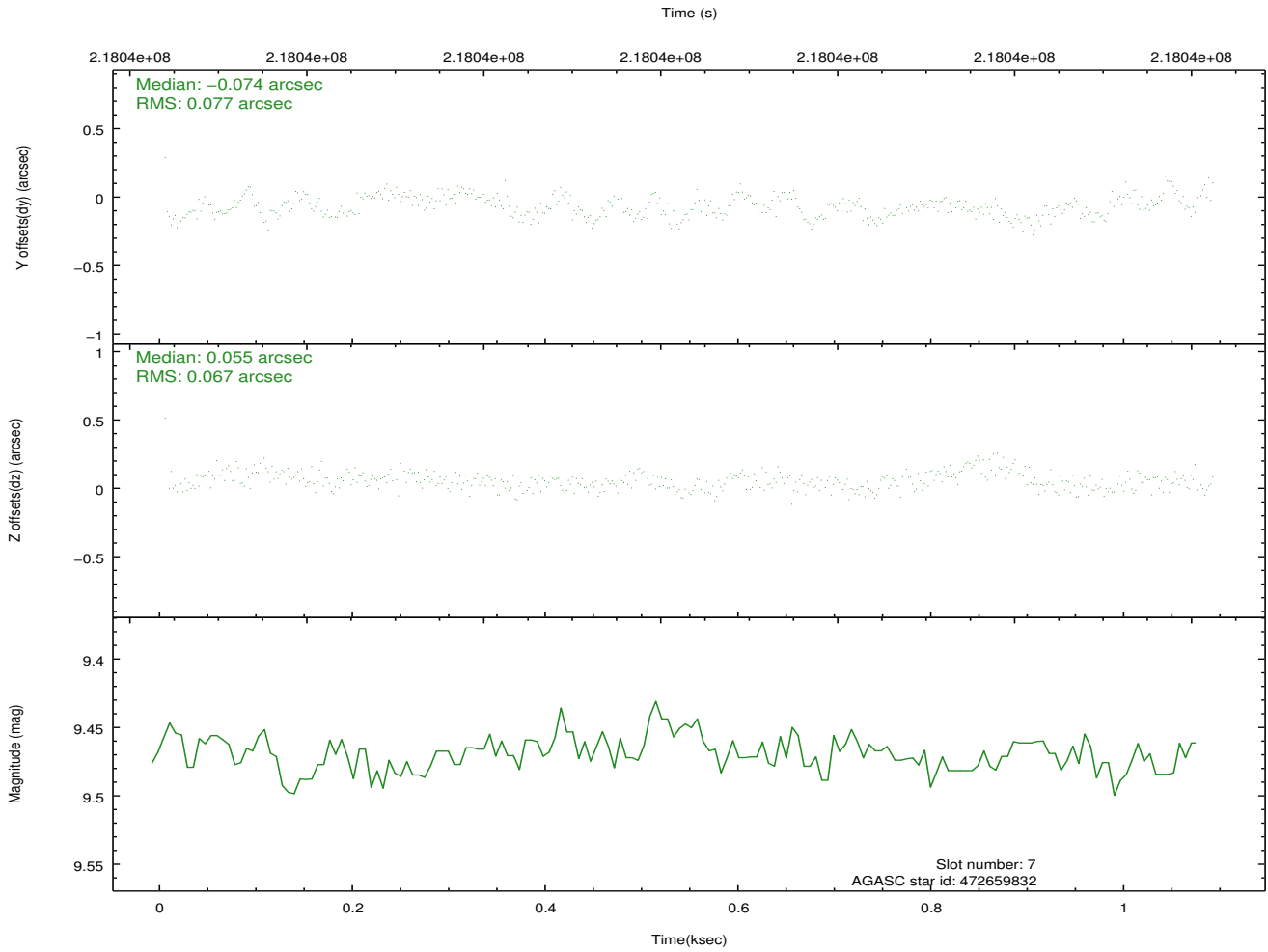
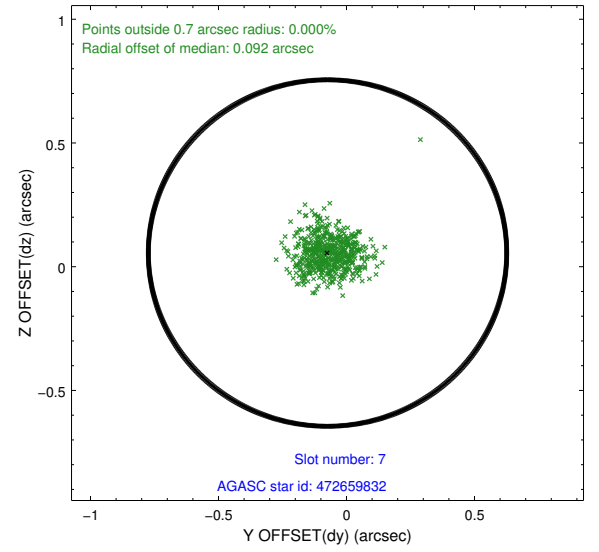
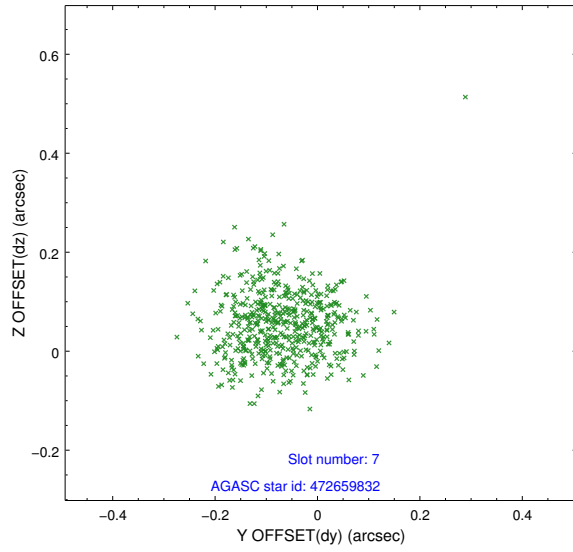
2.4.3 Slot 5



2.4.4 Slot 6

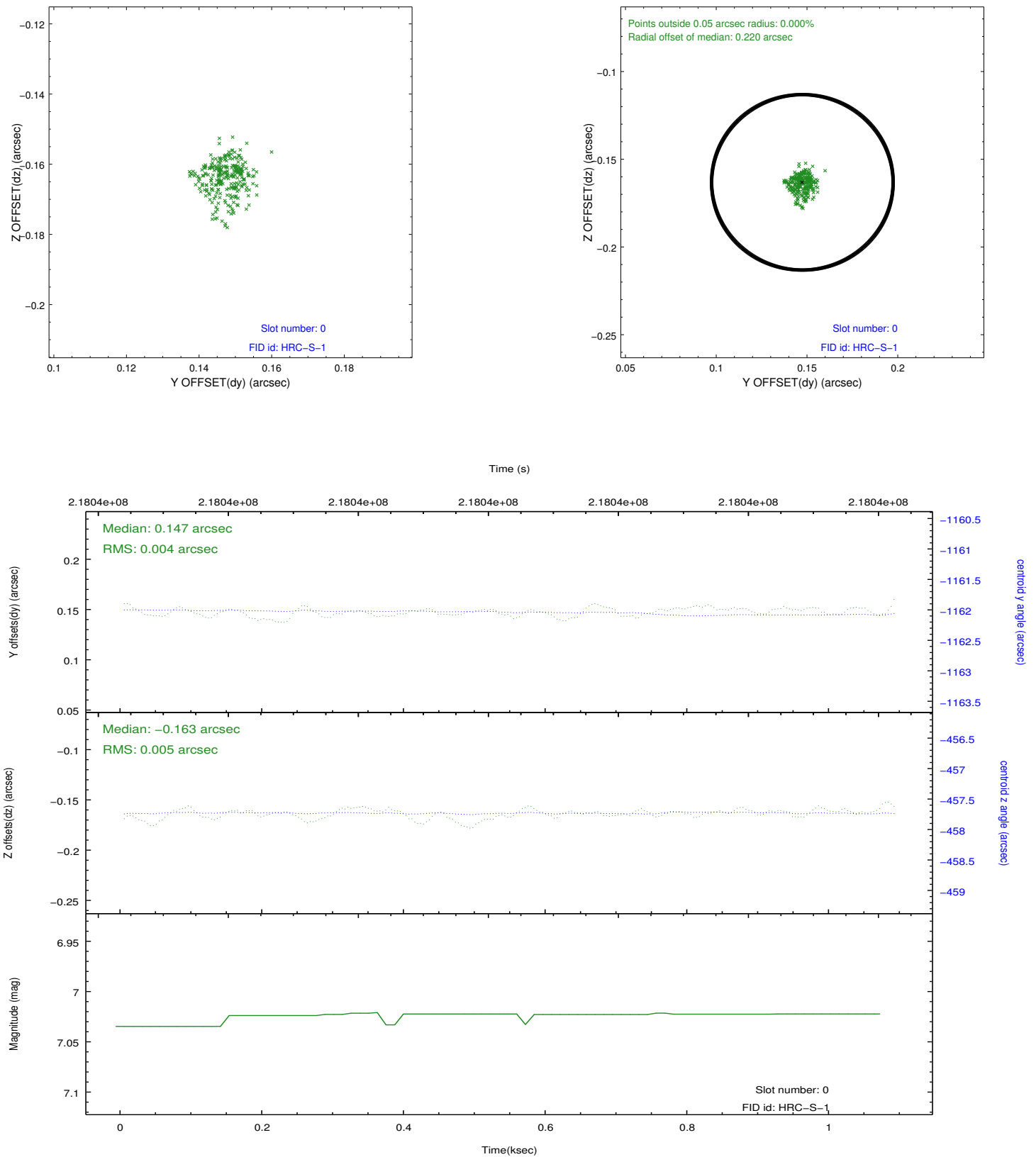


2.4.5 Slot 7

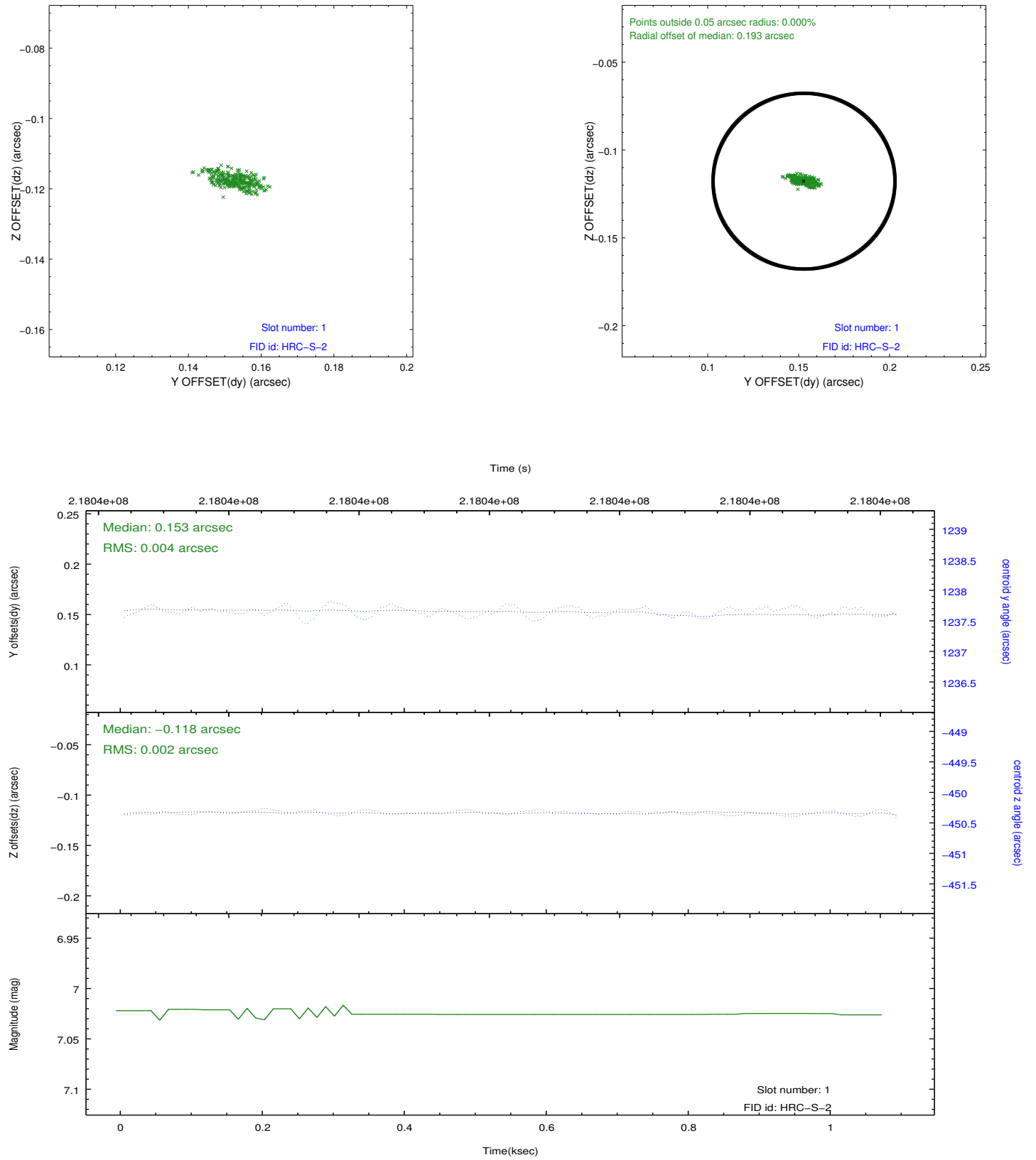


2.5 FID Slots

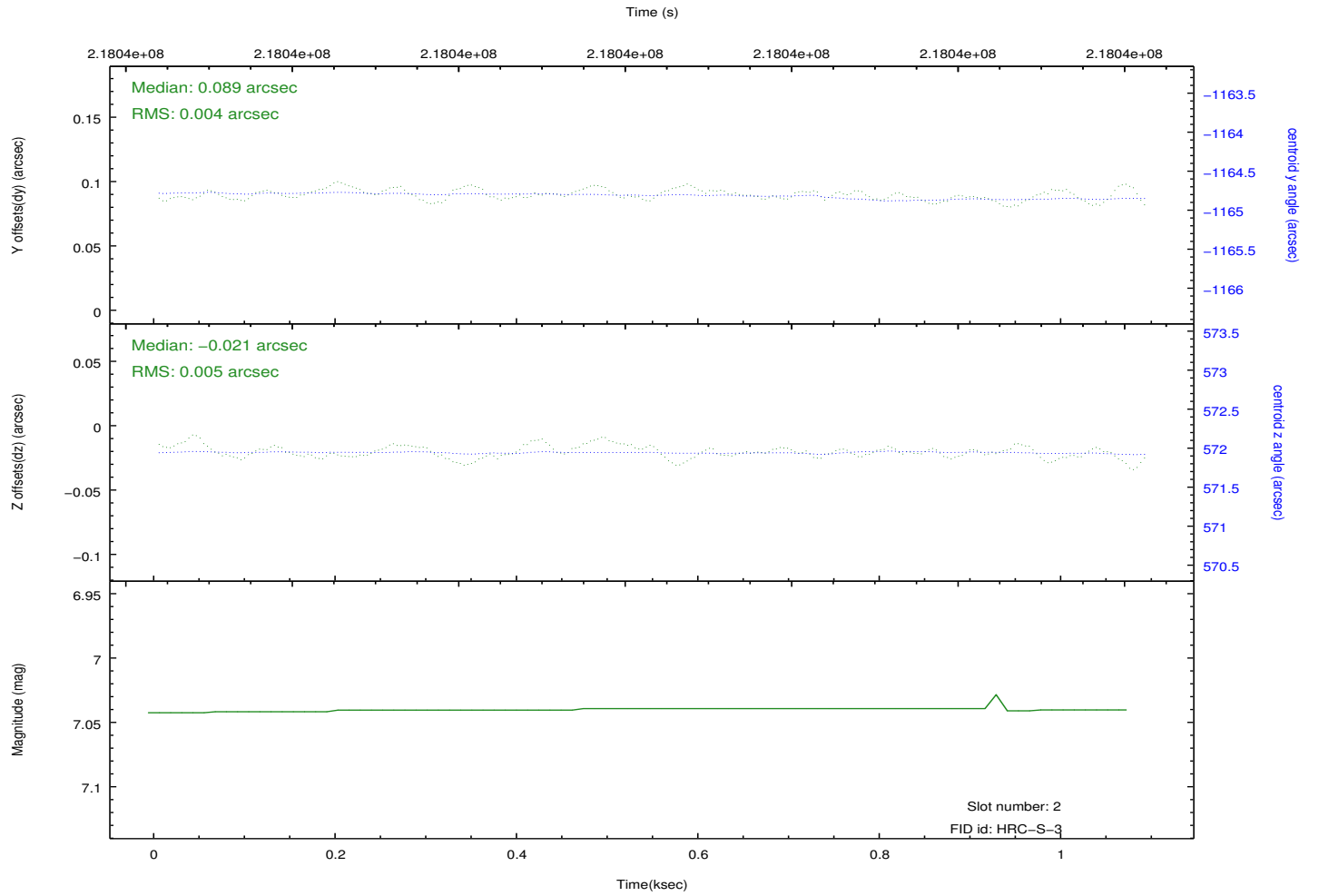
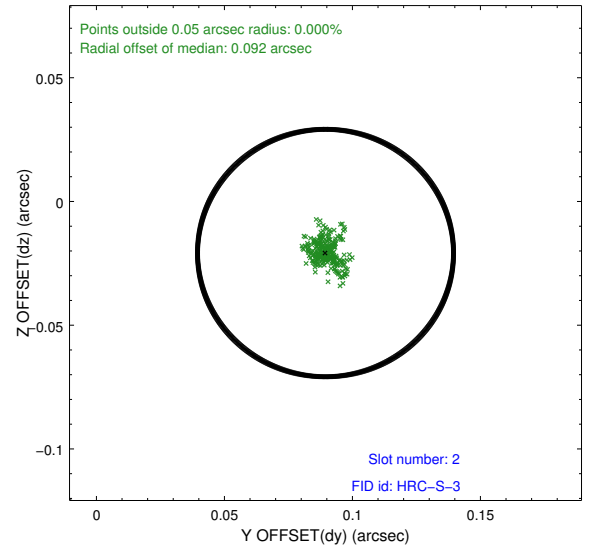
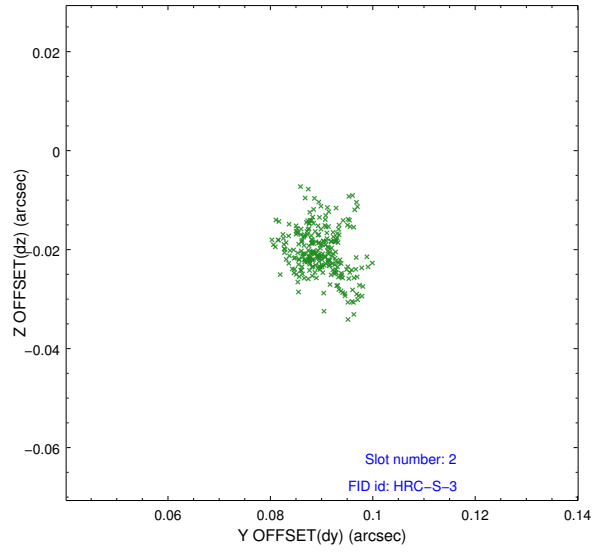
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.01.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.059081

A.2 Comments